

Title (en)  
CROSSLINKABLE IMIDE POLYESTER COATING

Title (de)  
VERNETZBARE IMIDPOLYESTERBESCHICHTUNG

Title (fr)  
REVÊTEMENT DE POLY(ESTER IMIDE) RÉTICULABLE

Publication  
**EP 2142367 A4 20111116 (EN)**

Application  
**EP 08746539 A 20080422**

Priority  
• US 2008061137 W 20080422  
• US 91444807 P 20070427

Abstract (en)  
[origin: WO2008134308A1] A primer/topcoat coil coating system employs crosslinkable branched hydroxyl-functional polyester-imide resins derived or derivable from a symmetric aromatic imide triol and a diacid or acid-producing derivative. The primer resin has a hydroxyl number greater than about 90 but not more than about 215, the topcoat resin has a hydroxyl number greater than about 100 but not more than about 215, and the primer and topcoat can each be hardened in 30 seconds or less to provide a coating having at least OT flexibility with no tape off and at least 2H pencil hardness.

IPC 8 full level  
**B32B 15/08** (2006.01); **B05D 3/12** (2006.01); **B05D 7/00** (2006.01); **B05D 7/14** (2006.01); **C08G 18/46** (2006.01); **C08G 18/80** (2006.01); **C08G 63/48** (2006.01); **C09D 175/06** (2006.01)

CPC (source: EP US)  
**B05D 7/14** (2013.01 - EP US); **B05D 7/546** (2013.01 - EP US); **C08G 18/4661** (2013.01 - EP US); **C08G 18/8061** (2013.01 - EP US); **C09D 175/06** (2013.01 - EP US); **B05D 2252/02** (2013.01 - EP US); **B05D 2701/20** (2013.01 - EP US); **B05D 2701/30** (2013.01 - EP US); **Y10T 428/24942** (2015.01 - EP US); **Y10T 428/2495** (2015.01 - EP US); **Y10T 428/24983** (2015.01 - EP US); **Y10T 428/2925** (2015.01 - EP US); **Y10T 428/31681** (2015.04 - EP US)

Citation (search report)  
• [I] US 6827971 B2 20041207 - GREENDA WERNER [DE], et al  
• [A] US 5405920 A 19950411 - BARBEE ROBERT B [US], et al  
• [A] EP 0055085 A1 19820630 - SCHENECTADY CHEMICAL [US]  
• [A] US 2004082733 A1 20040429 - ALGRIM DONALD J [US], et al  
• See references of WO 2008134308A1

Cited by  
CN104152014A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008134308 A1 20081106**; AU 2008245819 A1 20081106; AU 2008245819 B2 20120607; BR PI0810553 A2 20141021; BR PI0810553 A8 20181030; CA 2683900 A1 20081106; CN 101720279 A 20100602; EP 2142367 A1 20100113; EP 2142367 A4 20111116; EP 2142367 B1 20130626; MX 2009011611 A 20091110; US 2010136333 A1 20100603; US 8758888 B2 20140624

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